

Y DECLARE THAT:

My residence, mailing address, and citizenship are stated next to my name in PART A hereof.

I believe I am the original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

CATHETER SYSTEM FOR VASCULAR RE-ENTRY FROM A SUB-INTIMAL SPACE

the specification of which:	
	is attached hereto.
	was filed on December 5, 2001 as Application Serial No.

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim priority benefits under Title 35, United States Code §119 of any foreign application(s) for patent or inventor's certificate listed in PART B hereof and have also identified in PART B on hereof any foreign application for patent or inventor's certificate having a filing date before that of the application of which priority is claimed.

I hereby claim the benefit under Title 35, United States Code §119(e) and §120, of any United States application(s) listed in PART C hereof and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations §1.56 which occurred between the filing date of the prior application and any national or PCT international filing date of this application.

I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Please direct all telephone calls to Richard L. Gregory, Jr. at (650) 838-4417. Address all correspondence to:

PART A: INVENTOR INFORMATION AND SIGNATURE Kurt D. Sparks Full name of FIRST inventor: Mailing Address: 1618 Sand Hill Road #406, Palo Alto, CA 94304 Citizenship: U.S.A. Residence (if different): Date: 1/4/02 Inventor's Signature: _ Full name of SECOND inventor: Jeffrey L. Emery Mailing Address: 2104 Meadowview Place, San Mateo, CA 94401 Citizenship: U.S.A. Residence (if different): _____ Date: <u>//14/02</u>_____ Inventor's Signature: Full name of THIRD inventor: Brent D. Seybold Citizenship: U.S.A. Mailing Address: 2435 Armstrong Avenue, Santa Clara, CA 95050 Residence (if different): Inventor's Signature: _____ Date: _____ Full name of FOURTH inventor: David J. Kupiecki Mailing Address: 3276 Market Street, San Francisco, CA 94114 Citizenship: U.S.A. Residence (if different): Inventor's Signature: _____ Date: ____ Full name of FIFTH inventor: C. Danielle Pinson Citizenship: U.S.A. Mailing Address: 711 Eunice Avenue, Mountain View, CA 94040 Residence (if different): Inventor's Signature: _____ Date: _____

Full name of SIXTH inventor: Allen W. Madsen
Citizenship: U.S.A. Mailing Address: 2878 Kilo Avenue, San Jose, CA 95124
Residence (if different):
Inventor's Signature: Went Mach Date: 1-15-02
Full name of SEVENTH inventor: Michael D. Keleher
Citizenship: U.S.A. Mailing Address: 34330 Dobson Way, Fremont, CA 94555
Residence (if different):
Inventor's Signature: Muchaell Keleln Date: 1-15-02
Full name of EIGHTH inventor: Sergio Salinas
Citizenship: <u>U.S.A.</u> Mailing Address: <u>642 Scott Avenue</u> , <u>Redwood City</u> , <u>CA 94063</u>
Residence (if different):
Inventor's Signature: Jugue Signature: Date: 1-21-02
Full name of NINTH inventor: Benjamin J. Clark
Citizenship: <u>U.S.A.</u> Mailing Address: <u>3814 East Lake Way, Redwood City, CA 94062</u>
Residence (if different): 3617 Midfield Way, Redwood City, CA 94062
Residence (if different): 3617 Midfreld Way, Redwood City, CA 94062 Inventor's Signature: Date: 1/14/02
•
Full name of TENTH inventor: Matthew R. Selmon
Citizenship: U.S.A. Mailing Address: 99 Walnut Avenue, Atherton, CA 94027
Residence (if different):
Inventor's Signature: Millio Office Date: 1/14/02

PART B: CLAIM TO PRIORITY OF FOREIGN APPLICATION(S) UNDER 35 U.S.C. 119(a-d)

Country App. No. Filing Date

Serial No.	Filing Date		<u>Status</u>
(0/051 556	05 D 1 2000		Patented Pending
60/251,756	<u>05 December 2000</u>	\boxtimes	Abandoned
60/255,729	14 December 2000		Patented Pending
00/233,729	14 December 2000	×	Abandoned Patented
60/263,350	22 January 2001		Pending
			Abandoned Patented
60/263,397	22 January 2001		Pending Abandoned
			Patented
60/263,579	22 January 2001		Pending Abandoned
(0/2/2 500	20 1		Patented Pending
60/263,580	22 January 2001		Abandoned Patented
60/263,589	22 January 2001	⋈	Pending
<u> </u>	<u></u>		Abandoned Patented
60/268,263	12 February 2001	Ø	Pending Abandoned
			Patented
60/301,537	27 June 2001	Ø	Pending Abandoned
			Patented Pending
60/329,936	<u>17 October 2001</u>		Abandoned



HERERY DECLARE THAT:

My residence, mailing address, and citizenship are stated next to my name in PART A hereof.

I believe I am the original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

CATHETER SYSTEM FOR VASCULAR RE-ENTRY FROM A SUB-INTIMAL SPACE

the specification of which:	
	is attached hereto.
	was filed on December 5, 2001 as Application Serial No

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim priority benefits under Title 35, United States Code §119 of any foreign application(s) for patent or inventor's certificate listed in PART B hereof and have also identified in PART B on hereof any foreign application for patent or inventor's certificate having a filing date before that of the application of which priority is claimed.

I hereby claim the benefit under Title 35, United States Code §119(e) and §120, of any United States application(s) listed in PART C hereof and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations §1.56 which occurred between the filing date of the prior application and any national or PCT international filing date of this application.

I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Please direct all telephone calls to Richard L. Gregory, Jr. at (650) 838-4408. Address all correspondence to:

PART A: INVENTOR INFORMATION AND SIGNATURE

Full name of FIRST inventor:	Kurt D. Sparks
Citizenship: <u>U.S.A.</u> Mailin	g Address: 1618 Sand Hill Road #406, Palo Alto, CA 94304
Residence (if different):	
Inventor's Signature:	Date:
Full name of SECOND invento	r: Jeffrey L. Emery
Citizenship: <u>U.S.A.</u> Mailin	g Address: 2104 Meadowview Place, San Mateo, CA 94401
Residence (if different):	
Inventor's Signature:	Date:
Full name of THIRD inventor: Citizenship: <u>U.S.A.</u> Mailin Residence (if different): Inventor's Signature:	Brent D. Seybold PLACE 1-21-01 g Address: 2435 Armstrong Avenue, Santa Clara, CA 95050 Date: 23 JANO2
Full name of FOURTH invento	r: David J. Kupiecki
Citizenship: <u>U.S.A.</u> Mailin	g Address: 3276 Market Street, San Francisco, CA 94114
Residence (if different):	
Inventor's Signature:	Date:
Full name of FIFTH inventor: Citizenship: <u>U.S.A.</u> Mailin	C. Danielle Pinson g Address: 711 Eunice Avenue, Mountain View, CA 94040
Residence (if different):	
Inventor's Signature:	Date:

Full name of SIXTH inventor:	Allen W. Madsen
Citizenship: <u>U.S.A.</u> Mailing	Address: 2878 Kilo Avenue, San Jose, CA 95124
Residence (if different):	
Inventor's Signature:	Date:
Full name of SEVENTH inventor	r: Michael D. Keleher
Citizenship: <u>U.S.A.</u> Mailing	Address: 34330 Dobson Way, Fremont, CA 94555
Residence (if different):	
Inventor's Signature:	Date:
Full name of EIGHTH inventor:	Sergio Salinas
Citizenship: <u>U.S.A.</u> Mailing	Address: 642 Scott Avenue, Redwood City, CA 94063
Residence (if different):	
Inventor's Signature:	Date:
Full name of NINTH inventor:	Benjamin J. Clark
Citizenship: <u>U.S.A.</u> Mailing	Address: 3814 East Lake Way, Redwood City, CA 94062
Residence (if different):	
Inventor's Signature:	Date:
Full name of TENTH inventor:	Matthew R. Selmon
Citizenship: <u>U.S.A.</u> Mailing	Address: 99 Walnut Avenue, Atherton, CA 94027
Residence (if different):	
Inventor's Signature:	Date:

PART B: CLAIM TO PRIORITY OF FOREIGN APPLICATION(S) UNDER 35 U.S.C. 119(a-d)

Country App. No. Filing Date

Serial No.	Filing Date	_	Status
60/251,756	<u>05 December 2000</u>		Patented Pending Abandoned Patented
60/255,729	<u>14 December 2000</u>		Pending Abandoned Patented
60/263,350	22 January 2001		Pending Abandoned Patented
60/263,397	22 January 2001		Pending Abandoned Patented
60/263,579	22 January 2001		Pending Abandoned Patented
60/263,580	22 January 2001		Pending Abandoned Patented
60/263,589	22 January 2001		Pending Abandoned Patented
60/268,263	12 February 2001		Pending Abandoned Patented
60/301,537	27 June 2001		Pending Abandoned Patented
60/329,936	17 October 2001		Pending Abandoned



My residence, mailing address, and citizenship are stated next to my name in PART A hereof.

I believe I am the original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

CATHETER SYSTEM FOR VASCULAR RE-ENTRY FROM A SUB-INTIMAL SPACE

the specification of which:		
	is attached hereto.	
	was filed on December 5, 2001 as Application Serial No.	

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim priority benefits under Title 35, United States Code §119 of any foreign application(s) for patent or inventor's certificate listed in PART B hereof and have also identified in PART B on hereof any foreign application for patent or inventor's certificate having a filing date before that of the application of which priority is claimed.

I hereby claim the benefit under Title 35, United States Code §119(e) and §120, of any United States application(s) listed in PART C hereof and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations §1.56 which occurred between the filing date of the prior application and any national or PCT international filing date of this application.

I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Please direct all telephone calls to Richard L. Gregory, Jr. at (650) 838-4408. Address all correspondence to:

PART A: INVENTOR INFORMATION AND SIGNATURE

Full name of FIRST inventor:	Kurt D. Sparks
Citizenship: <u>U.S.A.</u> Mailing A	Address: 1618 Sand Hill Road #406, Palo Alto, CA 94304
Residence (if different):	
Inventor's Signature:	Date:
Full name of SECOND inventor:	Jeffrey L. Emery
Citizenship: <u>U.S.A.</u> Mailing A	Address: 2104 Meadowview Place, San Mateo, CA 94401
Residence (if different):	
Inventor's Signature:	Date:
Full name of THIRD inventor:	Brent D. Seybold
Citizenship: <u>U.S.A.</u> Mailing A	Address: 2435 Armstrong Avenue, Santa Clara, CA 95050
Residence (if different):	
Inventor's Signature:	Date:
Full name of FOURTH inventor: <u>I</u>	David J. Kupiecki
Citizenship: <u>U.S.A.</u> Mailing A	Address: 3276 Market Street, San Francisco, CA 94114
Residence (if different):	
Inventor's Signature:	Date: 1-20-02
Full name of FIFTH inventor:	C. Danielle Pinson
Citizenship: <u>U.S.A.</u> Mailing A	Address: 711 Eunice Avenue, Mountain View, CA 94040
Residence (if different):	
Inventor's Signature:	Date:

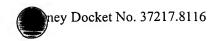
Full name of SIXTH inven	tor: Allen W. Madsen
Citizenship: <u>U.S.A.</u> Ma	ailing Address: 2878 Kilo Avenue, San Jose, CA 95124
Residence (if different):	
Inventor's Signature:	Date:
Full name of SEVENTH in	ventor: Michael D. Keleher
Citizenship: <u>U.S.A.</u> Ma	ailing Address: 34330 Dobson Way, Fremont, CA 94555
Residence (if different):	
	Date:
Full name of EIGHTH inve	entor: Sergio Salinas
Citizenship: <u>U.S.A.</u> Ma	ailing Address: 642 Scott Avenue, Redwood City, CA 94063
Residence (if different):	
Inventor's Signature:	Date:
Full name of NINTH inver	tor: Benjamin J. Clark
Citizenship: <u>U.S.A.</u> Ma	ailing Address: 3814 East Lake Way, Redwood City, CA 94062
Residence (if different):	
Inventor's Signature:	Date:
Full name of TENTH inver	ntor: Matthew R. Selmon
Citizenship: <u>U.S.A.</u> Ma	ailing Address: 99 Walnut Avenue, Atherton, CA 94027
Residence (if different):	

Inventor's Signature: _____ Date:_____

PART B: CLAIM TO PRIORITY OF FOREIGN APPLICATION(S) UNDER 35 U.S.C. 119(a-d)

Country App. No. Filing Date

Serial No.	Filing Date	Status
60/251,756	<u>05 December 2000</u>	Patented Pending Abandoned Patented
60/255,729	14 December 2000	Pending Abandoned Patented
60/263,350	22 January 2001	Pending Abandoned Patented
60/263,397	22 January 2001	Pending Abandoned Patented
60/263,579	22 January 2001	Pending Abandoned Patented
60/263,580	22 January 2001	Pending Abandoned Patented
60/263,589	22 January 2001	Pending Abandoned Patented
60/268,263	12 February 2001	Pending Abandoned Patented
60/301,537	27 June 2001	Pending Abandoned Patented
60/329,936	17 October 2001	Pending Abandoned



HEREBY ECLARE THAT:

My residence, mailing address, and citizenship are stated next to my name in PART A hereof.

I believe I am the original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

CATHETER SYSTEM FOR VASCULAR RE-ENTRY FROM A SUB-INTIMAL SPACE

the specification of which:	
	is attached hereto.
	was filed on December 5, 2001 as Application Serial No

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim priority benefits under Title 35, United States Code §119 of any foreign application(s) for patent or inventor's certificate listed in PART B hereof and have also identified in PART B on hereof any foreign application for patent or inventor's certificate having a filing date before that of the application of which priority is claimed.

I hereby claim the benefit under Title 35, United States Code §119(e) and §120, of any United States application(s) listed in PART C hereof and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations §1.56 which occurred between the filing date of the prior application and any national or PCT international filing date of this application.

I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Please direct all telephone calls to Richard L. Gregory, Jr. at (650) 838-4408. Address all correspondence to:

PART A: INVENTOR INFORMATION AND SIGNATURE

Full name of FIRST inventor: Kurt D. Spark	S
Citizenship: <u>U.S.A.</u> Mailing Address: <u>1618 S</u>	and Hill Road #406, Palo Alto, CA 94304
Residence (if different):	
Inventor's Signature:	Date:
Full name of SECOND inventor: Jeffrey L. Em	ery
Citizenship: <u>U.S.A.</u> Mailing Address: <u>2104 M</u>	Ieadowview Place, San Mateo, CA 94401
Residence (if different):	
Inventor's Signature:	Date:
Full name of THIRD inventor: Brent D. Seyb	old
Citizenship: <u>U.S.A.</u> Mailing Address: <u>2435 A</u>	rmstrong Avenue, Santa Clara, CA 95050
Residence (if different):	
Inventor's Signature:	Date:
Full name of FOURTH inventor: David J. Kupie	cki
Citizenship: <u>U.S.A.</u> Mailing Address: <u>3276 M</u>	Iarket Street, San Francisco, CA 94114
Residence (if different):	
Inventor's Signature:	Date:
Full name of FIFTH inventor: C. Danielle Pi	nson
Citizenship: <u>U.S.A.</u> Mailing Address: <u>711 Eu</u>	nice Avenue, Mountain View, CA 94040
Residence (if different):	
Inventor's Signature:	Date: 02/02/07

Full name of SIXTH inven	tor: Allen W. Madsen		
Citizenship: <u>U.S.A.</u> Ma	ailing Address: 2878 Kilo Avenue, San Jose, CA 95124		
Residence (if different):			
Inventor's Signature:	Date:		
Full name of SEVENTH in	eventor: Michael D. Keleher		
Citizenship: <u>U.S.A.</u> Ma	itizenship: U.S.A. Mailing Address: 34330 Dobson Way, Fremont, CA 94555		
Residence (if different):			
	Date:		
	•		
Full name of EIGHTH invo	entor: Sergio Salinas		
Citizenship: <u>U.S.A.</u> M	ailing Address: 642 Scott Avenue, Redwood City, CA 94063		
Residence (if different):			
Inventor's Signature:	Date:		
Full name of NINTH inver	ntor: Benjamin J. Clark		
Citizenship: <u>U.S.A.</u> M	ailing Address: 3814 East Lake Way, Redwood City, CA 94062		
Residence (if different):			
	Date:		
Full name of TENTH inver	ntor: Matthew R. Selmon		
Citizenship: <u>U.S.A.</u> M	ailing Address: 99 Walnut Avenue, Atherton, CA 94027		
Residence (if different):			
Inventor's Signature:	Date:		

PART B: CLAIM TO PRIORITY OF FOREIGN APPLICATION(S) UNDER 35 U.S.C. 119(a-d)

Country App. No. Filing Date

Serial No.	Filing Date		Status
60/251,756	<u>05 December 2000</u>		Patented Pending Abandoned Patented
60/255,729	<u>14 December 2000</u>		Pending Abandoned Patented
60/263,350	22 January 2001		Pending Abandoned Patented
60/263,397	22 January 2001		Pending Abandoned Patented
60/263,579	22 January 2001		Pending Abandoned Patented
60/263,580	22 January 2001		Pending Abandoned Patented
60/263,589	22 January 2001		Pending Abandoned Patented
60/268,263	12 February 2001		Pending Abandoned Patented
60/301,537	27 June 2001		Pending Abandoned Patented
60/329,936	17 October 2001	∐ ⊠	Pending Abandoned

Form 159 1-31-92	95 RECORDATION FORM	A COVER SHEET Sten and rate of commerce ten and rate of the commerce ten a		
	MAR 1 8 2002 & PATENTS	ONLY GOLF		
,	To the Remorable Assistant Commissioner original documents			
David Mads Benja	Name of conveying party(ies): D. Sparks, Jeffery L. Emery, Brent D. Seybold, J. Kupiecki, C. Danielle Pinson, Allen W. Sen, Michael D. Keleher, Sergio Salinas, amin J. Clark, Matthew R. Selmon names of conveying parties attached? Yes No Nature of conveyance: Assignment Merger Security Agreement Other Change of Name Reassignment Date of execution: 1/14/02, 1/14/02, 1/23/02, 1/20/02, 02/2/02, 1/15/02, 1/14/02, 1/121/02, 1/14/02, and 1/14/02, respectively.	 Name/address of receiving party(ies): LuMend, Inc. 400 Chesapeake Drive Redwood City, CA 94063 Add'I names of receiving parties attached?		
5.	Application number(s) and/or patent number(s): If this document is being filed with a new application, the date of signature by the first named inventor was:			
	A. Patent Application No.(s) 10/010,410 filed 05 December 2001	B. Patent No.(s)		
	Additional numbers at	tached: Yes No		
6.	Name and address of party to whom correspondence concerning document should be mailed:	7. Total No. of applications and patents involved: one (1)		
	Perkins Coie LLP P.O. Box 2168 Menlo Park, CA 94025 (650) 838-4300 Customer No. 22918	8. Total fee (37 CFR §3.41): <u>\$40.00</u> ⊠ Charge Deposit Account No. 50-0665		
		9. Total number of pages, including cover sheet, attachments and document: 6		

10. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Richard L. Gregory, Jr.

Name of Person Signing

3-18-02 Date